

Fig. 1

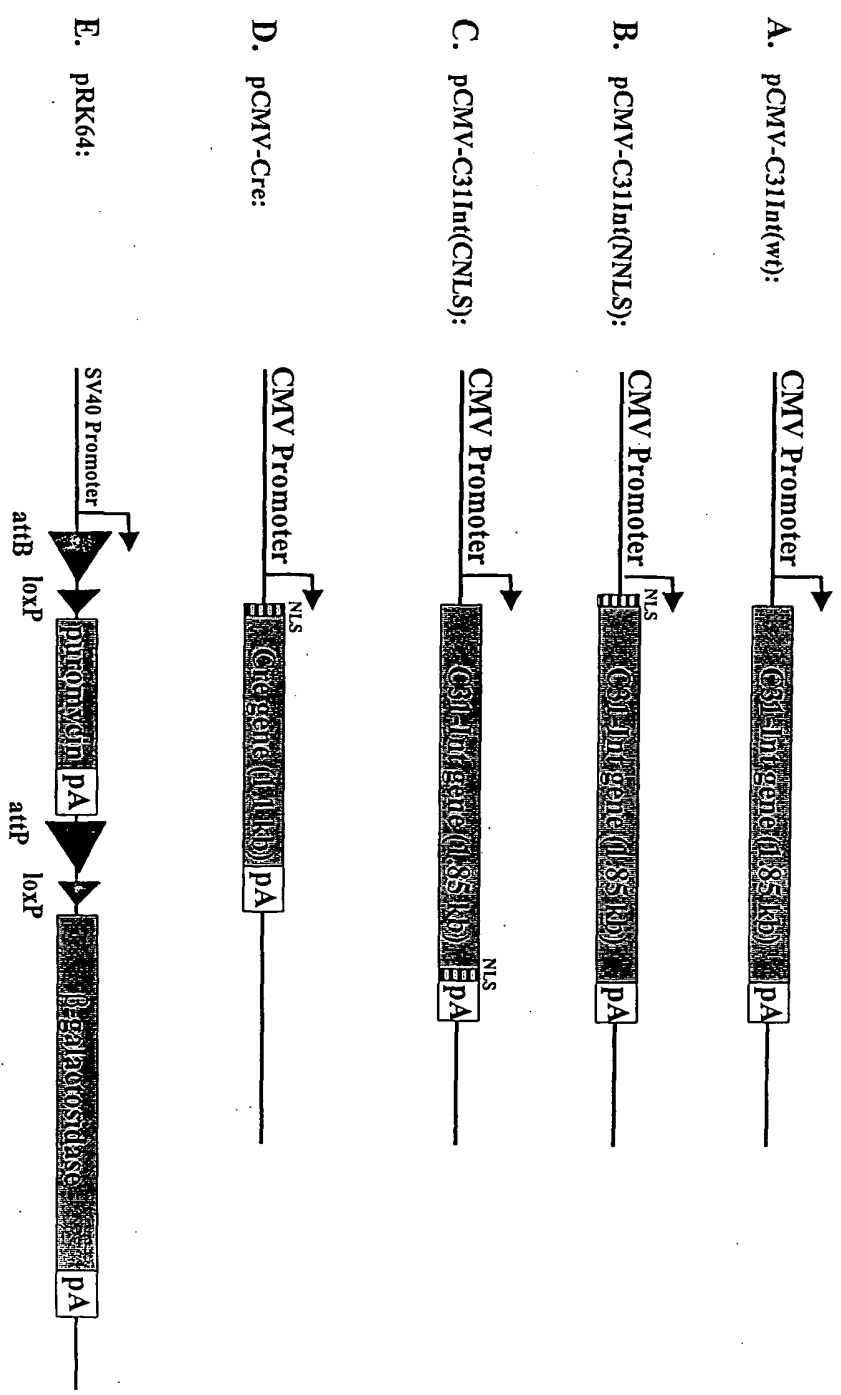


Fig. 2

Sample	RLU (pGal)	RLU (Luciferase)	RLU x10 ⁵ (Gal/Luc)	RLU x10 ⁵ (Gal/Luc)	relative activity
1) pUC19 only	433 ± 37	1818700 ± 328970	24 ± 4	10 ⁴	
2) pRK64(LCre)	784932 ± 290524	1657062 ± 526562	46975 ± 3696	5 x 10 ⁴	1
3) pRK64 only	1936 ± 262	988144 ± 175116	204 ± 62		0.004
4) pCMV-C31Int(wt) 0.5 ng	73318 ± 19084	677861 ± 145341	10774 ± 972		0.23
5) pCMV-C31Int(wt) 1 ng	75838 ± 12628	527237 ± 53846	14412 ± 2050		0.3
6) pCMV-C31Int(NNLS) 0.5 ng	158402 ± 75870	2560450 ± 736186	15104 ± 3041		0.32
7) pCMV-C31Int(NNLS) 1 ng	206857 ± 76733	2677621 ± 504285	17029 ± 2246		0.36
8) pCMV-C31Int(CNLS) 0.5 ng	274192 ± 78937	1173932 ± 291315	23299 ± 3194		0.5
9) pCMV-C31Int(CNLS) 1 ng	262169 ± 60583	864752 ± 229935	30560 ± 1585		0.65
10) pCMV-Cre(NNLS) 0.5 ng	231200 ± 98741	763121 ± 280687	29585 ± 4632		0.63
11) pCMV-Cre(NNLS) 1 ng	297760 ± 83363	868905 ± 196404	33872 ± 2609		0.72

Fig. 3

	RLU (β Gal)	RLU (Luciferase)	RLU $\times 10^5$ (Gal/Luci)
1) pPGKnifD (reporter) only	1324 \pm 876	3631598 \pm 903012	34 \pm 18
2) pCMV-XisA 25 ng	4650 \pm 2273	2741969 \pm 667568	164 \pm 54
3) pCMV-XisA 100 ng	17529 \pm 9304	3798872 \pm 1288020	443 \pm 151
4) pCMV-XisA(NNLS) 25 ng	4060 \pm 1376	2471695 \pm 611351	163 \pm 36
5) pCMV-XisA(NNLS) 100 ng	17801 \pm 3892	3570103 \pm 750628	500 \pm 65
6) pPGKattA (reporter) only	754 \pm 70	195822 \pm 81858	755 \pm 601
7) pCMV-SSV 10 ng	925 \pm 273	119043 \pm 67451	906 \pm 316
8) pCMV-SSV 20 ng	1033 \pm 270	122557 \pm 30054	879 \pm 291
9) pCMV-SSV(NNLS) 10 ng	1108 \pm 367	174380 \pm 58876	694 \pm 345
10) pCMV-SSV(NNLS) 20 ng	1306 \pm 383	211182 \pm 101011	874 \pm 741

Fig. 4










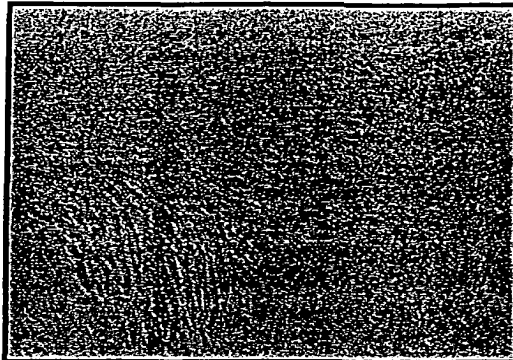
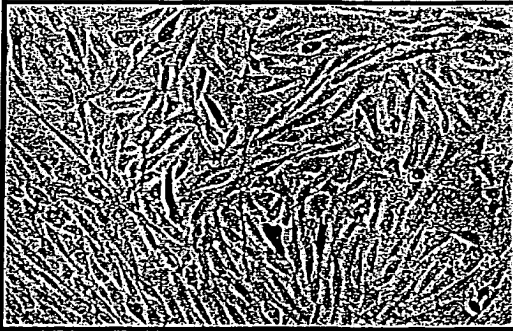
Sample	RLU (βgal)	RLU (βgal)	relative activity
1) pUC19 only	754 ± 44	 5 x 10 ³	
2) pCMV-C31Int(wt) 32 ng	1386 ± 174	 4 x 10 ⁴	0.04
3) pCMV-C31Int(wt) 64 ng	3783 ± 1537		0.1
4) pCMV-C31Int(NNLS) 32 ng	7125 ± 1474		0.19
5) pCMV-C31Int(NNLS) 64 ng	8206 ± 2210		0.22
6) pCMV-C31Int(CNLS) 32 ng	17624 ± 5578		0.48
7) pCMV-C31Int(CNLS) 64 ng	28849 ± 6623		0.78
8) pCMV-Cre(NNLS) 32 ng	27064 ± 3769		0.73
9) pCMV-Cre(NNLS) 64 ng	36823 ± 3993		1

Fig. 5

**A.: Nontransfected
control**



B.: pCMV-Cre



C.: pCMV-C31Int(NLS)



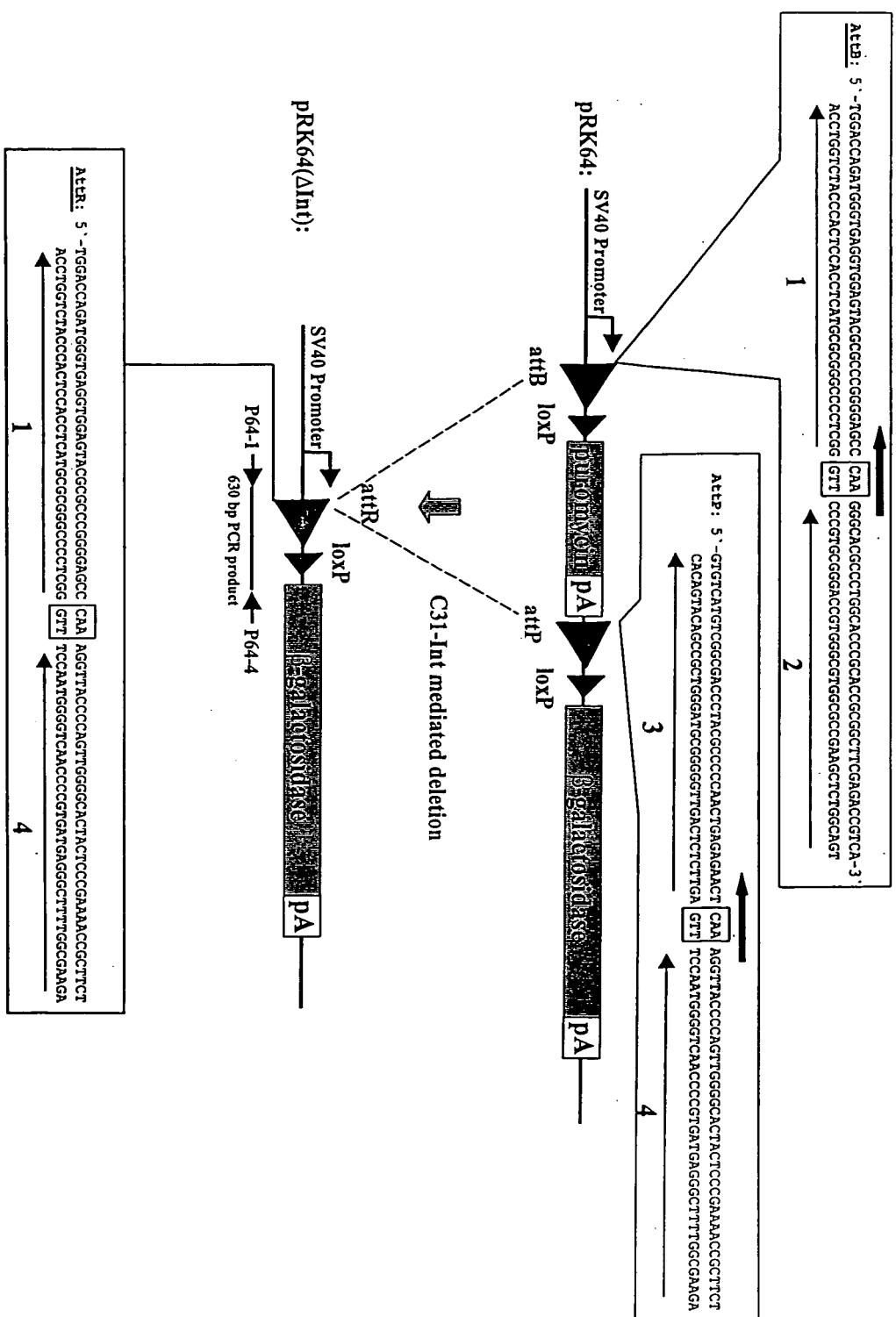
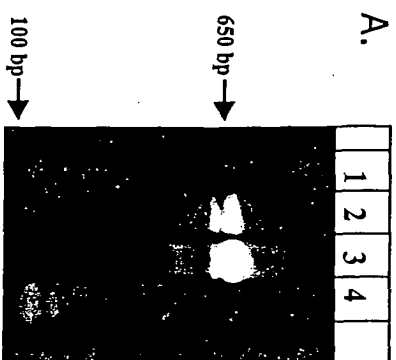


Fig. 6

Fig. 7



B.

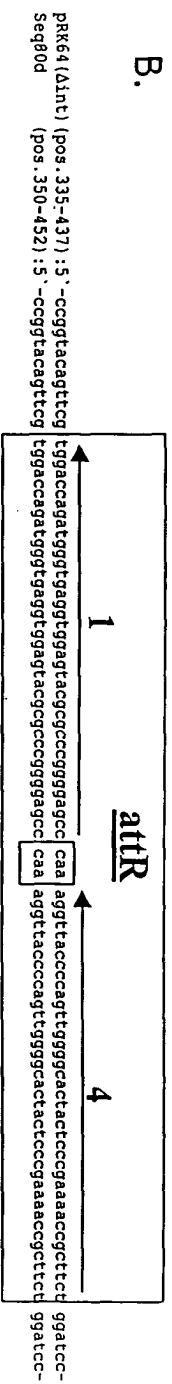


Fig. 8

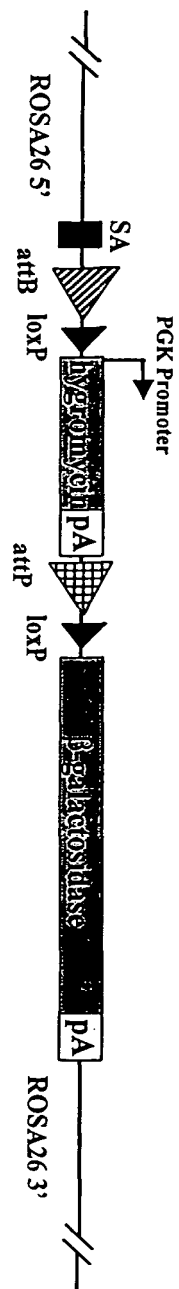


Fig. 9

